

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV121918\  
 Data File : VV009046.D  
 Acq On : 19 Dec 2018 12:09  
 Operator : SY/MD  
 Sample : VV1219SBL01  
 Misc : 5.00 G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK72

Quant Time: Dec 20 02:06:38 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM120618S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 20 01:58:47 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 281339   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 248801   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 103941   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 65391    | 22.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 89.84%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 67789    | 31.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 126.08% |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 133333   | 18.32    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 73.28%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 38507    | 36.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 72.66%  |
| 24) Chloroform-d               | 4.40   | 84    | 159903   | 23.64    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 94.56%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 89525    | 24.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 97.04%  |
| 29) Benzene-d6                 | 5.10   | 84    | 322066   | 23.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 92.72%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 94783    | 24.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 97.44%  |
| 37) Toluene-d8                 | 7.36   | 98    | 294904   | 22.93    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 91.72%  |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 38126    | 22.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 89.24%  |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 22344    | 31.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 62.70%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 61569    | 18.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 75.48%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 92524    | 23.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 94.88%  |

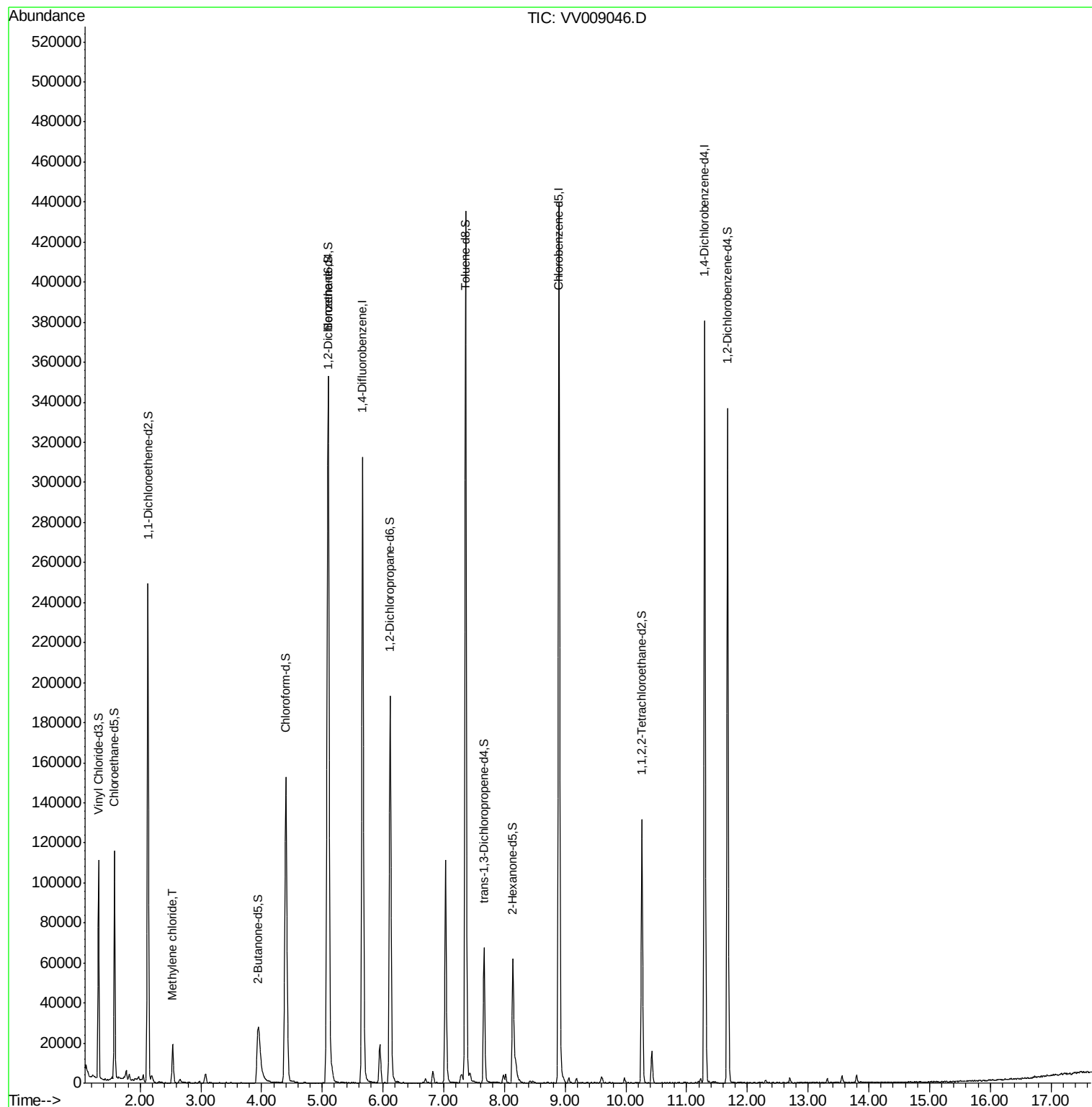
| Target Compounds       |      |    |      |            | Qvalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.54 | 84 | 8262 | 1.744 ug/L | 98     |

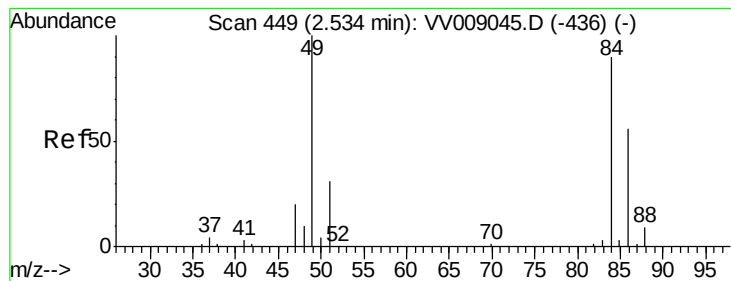
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
Methylene chloride  
Concen: 1.744 ug/L  
RT: 2.54 min Scan# 450  
Delta R.T. 0.00 min  
Lab File: VV009046.D  
Acq: 19 Dec 2018 12:09

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK72

Tgt Ion: 84 Resp: 8262  
Ion Ratio Lower Upper  
84 100  
49 111.9 80.5 149.5  
86 66.3 45.5 84.5

